

## Insurance Medical Services Department

### TENDER NOTICE

[DIMS/TN-06/2007-08]

No. F4-5513/2006/DIMS.

19th June 2007.

Sealed competitive tenders are invited for the supply and installation of following items at ESI Hospital, Feroke.

#### 1. Pulse Oxymeter

##### SPECIFICATIONS

Waveform display :	Back lit LCD/TFT diagnostic Plethysmographic in user adjustable scale
Measurement Method :	Red and infrared light absorption
Range :	SPO <sub>2</sub> - 0 to 100%
Accuracy :	± 2% from 80 to 100%
Pulse rate :	20 to 250 b. p.m.
Numeric display :	Saturation % Averaging 5s, 6s, 9s and 10s selectable
Sensor machine :	Reusable finger adult probes 2 Nos. with each. Reusable finger paediatric size-2 Nos., Reusable ear probes paediatric size-2 Nos.
Alarms :	SPO <sub>2</sub> User adjustable High SPO <sub>2</sub> 40 to 99% and OFF, default : OFF Low SPO <sub>2</sub> 40 to 99%, default : 90%
Physical Size :	Portable
Weight :	Light Weight
Battery backup :	Built in battery backup for 3 hours minimum
Warranty :	2 years
Maintenance :	Should have annual maintenance contract for 5 years.

### 2. Electro Surgical Unit

##### SPECIFICATIONS

- (1) Should be an automatic micro processor base Electro Surgical Unit with digital display for all power settings.
- (2) Should have separate programme for Gastro enteric, cardiovascular, Trans Urethral, Neuro Surgical and Laparoscopic Surgeries with required internal adjustments in the quality of CUT & COAGULATION.
- (3) Should have soft, forced & spray types of monopolar COAGULATION facility
- (4) Bipolar coagulation should have user configurable Auto start & stop facility. Also delay interval should be user selectable
- (5) Should have Annual Maintenance Contract for 5 years
- (6) Should have minimum 4 programmable memories to store user settings
- (7) Should have the automatic check facility to check HF & LF leakage current, tissue impedance and patient plate disconnection
- (8) Should have recall facility to view the latest Alarm conditions
- (9) Should have minimum 4 steps of Haemostatic control
- (10) Should have frequency compensation which the output remains stable when input frequency fluctuations
- (11) Monopolar Cut should be minimum 300W coagulation power 120W, Spray coagulation 80W
- (12) Bipolar Cut should be minimum 80W, coagulation power 80W
- (13) Should have flexible silicon patient plate
- (14) Out put should be controlled from foot switch and electrode handle independently
- (15) Foot switch should be double peddles for cutting and coagulation & Explosion Protected

- (16) All accessories should be Autoclavable/sterilizable
- (17) Should have automatic switch-off by built in safety circuit when electrical connection is broken or activated on high duration
- (18) Should have audible/visual indication on cutting & coagulation
- (19) All standard accessories 1 set extra are required with each unit
- a. Colour coded double pedal foot switch (Waterproof) : 1 No.
- b. Silicon Rubber patient plate : 1 No.
- c.Active handle with cable (reusable) : 5 Nos.
- d. Bipolar forceps (insulated bayonet shaped-reusable) : 5 Nos.
- e. Four wheel trolley (suitable size) : 1 No.
- (20) Additional accessories required
- Active handle with cable (reusable) : 5 Nos.
- Bipolar forceps (insulated bayonet shaped-reusable) : 5 Nos.
- Silicon Rubber patient plate : 1 No.

### 3. ECG Machine

15.2 cm (6") LCD Screen, folding 600 Display Waveforms and Digitals. 120-160 bpm Normal Area Mark. Automatic Foetal movements Detection 12 Hours Data storage and reload ability Built in rechargeable Battery for 2 hours continuous work

High sensitive 9 elements 2 MHz Pulse Doppler Transducer

PC Based software for storage, Reload and analysis

Ante partum and Intrapartum Monitoring

FHR/ToCO/FM/AFM

IUP/DECG (Optional)

High Resolution and Long Life Built in Thermal Printer

Built in Network Capability

Twin Monitoring Facility (Available only in FM 9534)

Should have annual Maintenance Contract for 5 years

The number and date of opening of the tender should be superscribed on the envelope containing the tender.

Cost of Tender form (including taxes)

Original—Rs. 450

Duplicate—Rs. 225

Tenders received after the prescribed date and time will not be accepted. The maximum period required for delivery of the equipment should also be mentioned.

Tender forms can be obtained from the office of the undersigned on payment of cost by cash/money order from 25-6-2007. An amount of Rs. 50 (Rupees Fifty only) is to be paid extra for tender form by post. Earnest money deposit of 1% of the total cost will have to be produced in the form of Demand Draft taken in favour of the Director of Insurance Medical Services along with the filled tender form.

Tenders will be opened on the prescribed date in the presence of the tenderer at the appointed date and time.

The equipment tendered should confirm ISI specification. The prices quoted should be inclusive of

The successful tenderer should be made Annual Repair and Maintenance Contract before the purchase subject to the terms and conditions of ESI Corporation. More information and conditions governing the supply can be obtained from the office of the undersigned on all working hours.

Last date and time of sale of tender form—6-8-2007, 4 p. m.

Last date and time of receipt of filled tenders —6-8-2007, 5 p. m.

Date and time of opening of the tender—7-8-2007, 11 a. m.

The undersigned authority reserves the right to accept or reject any tender without assigning any reason thereof. All other conditions stipulated in the Kerala State Store Purchase Manual are applicable to this tender also.

(Sd.)

*Director of Insurance  
Medical Services.*

Thiruvananthapuram.